

Converting Colors

Hex(00ABAE)

Have a look what the booklet for
Hex(00ABAE) contains.

Hex(00ABAE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00ABAE)

Conversions

Conversions Part 1

Format	Color
Hex	00ABAE
RGB	0, 171, 174
RGB Percent	0%, 67%, 68%
CMY	1.0000, 0.3294, 0.3176
CMYK	1.00, 0.02, 0.00, 0.32
HSL	181°, 100%, 34%
HSV	181°, 100%, 68%
XYZ	22.2029, 32.1818, 45.0859
YIQ	120.2130, -102.8790, -35.3190

Conversions

Conversions Part 2

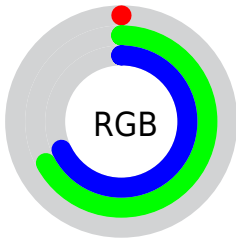
Format	Color
RYB	0, 86, 174
Decimal	43950
CIELab	63.49, -34.71, -12.01
CIELCh	63, 36.726, 199.093
Yxy	32.1818, 0.2232, 0.3235
Android (android.graphics.Color)	4278234030 (0xFF00ABAE)
YUV	120.2130, 26.5170, -105.4268
Hunter-Lab	56.7290, -29.4135, -7.4109

Details

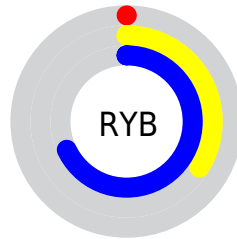
The Hex color **00ABAE** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AE0300**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **61E3E5**, and **00767A** is the 20% darker color. If you saturate the color by 10%, you get **00ABAE**, and if you desaturate by 10%, it is **11ABAE**.

Distribution



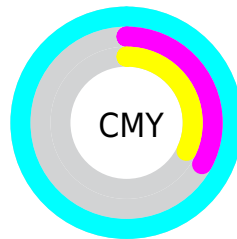
- Red (0%)
- Green (67%)
- Blue (68%)



- Red (0%)
- Yellow (34%)
- Blue (68%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00ABAE changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 00ABAE by changing the saturation by 10% instead.

 00ABAE

 00ABAE

FFFFFF

 009093

 61E3E5

 00767A

 81FFFF

 005D61

 9FFFFFF

 004449

 BEFFFF

 002D33

 DCFFFF

 00161E

 FBFFFF

 000002

 000000

 00ABAE

 11ABAE

 23ACAE

 34ACAE

 46ACAE

 57ACAE

 68ADAE

 7AADAE

 8BADAE

 9DAEAE

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49AA8C



00ABAE



00A8CA

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



00ABAE



B78AC5



BA9459

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



00ABAE



AE0300

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



D0886A



00ABAE



D181A7

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



00ABAE



8C96D7



D98186



9A9E5B

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



00ABAE



3CA3D6



D98186



C2905D

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



00ABAE



9FE2E3



00AE03



497273



F2F2F2



737373

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



00ABAE



00DFE3



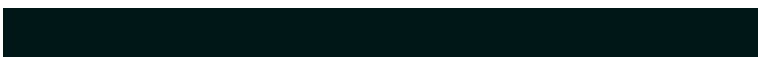
0054AE



4E5757



009496



001717

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



AE00AB



E300DF



AE5A00



574E57



960094



170017

Previews

White Background



This preview shows how the Hex color 00ABAE looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 00ABAE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

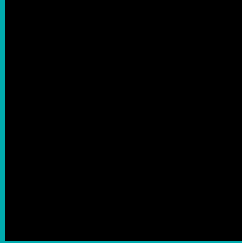
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00ABAE Background



This preview shows how black text looks on a background with the Hex color 00ABAE.

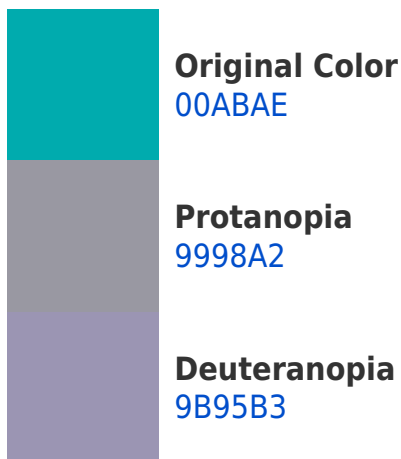


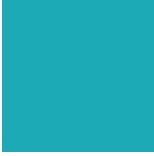
This preview shows how white text looks on a background with the Hex color 00ABAE.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
00ABAE



Protanomaly
619FA6



Deuteranomaly
639DB1



Tritanomaly
12AAB4

Monochromacy



Original Color
00ABAE



Achromatopsia
787878



Achromatomaly
4C8B8C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00ABAE is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #00ABAE looks like.

```
.text, #text, p{  
    color:#00ABAE  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #00ABAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00ABAE
}
```

Border

The CSS property to change the border of an element to Hex 00ABAE is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00ABAE }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#00ABAE }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #00ABAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00ABAE; -webkit-box-shadow:4px 4px  
4px 4px #00ABAE; box-shadow:4px 4px 4px  
4px #00ABAE }
```

Background

The CSS property to change the background color of an element to Hex 00ABAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00ABAE }
```

If only the background color should be changed can be used:

```
.background{ background-color:#00ABAE }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor